

Hillsboro Sustainability Task Force

Meeting Notes – Meeting #3: Energy Focus Area

(10-2-13)

Mission Review

- Stress that we should focus on doable, realistic projects that move us forward and fit within capacities

Energy indicators, targets

- Reviewed updated indicators and targets
 - The blend of industries will affect tracking/comparison of ICI energy consumption
 - Consider benchmark of industrial/commercial businesses against their peers
 - ✓ Look at Energy Star scores for different types of industry/sectors
 - Look at state energy plan
 - Look at VMT target relative to regional and/or state RTP
 - Tracking single occupancy vehicle trips – mileage not necessarily a good energy metric
 - Look at SmartWay program at EPA relative to freight measures
 - Should not ignore commercial vehicles when addressing transportation
 - Separate commercial vehicle travel from personal – commercial can be modified by working with businesses – more difficult to change PVT. City or region should have data
 - We should also not ignore other air pollutants beyond GHGs (e.g., PM 2.5)
- Adjustments to be made to draft final for final review and completion by Task Force (see draft final Indicators Assessment Matrix)

Potential projects

- *Residential energy efficiency outreach and incentives*
 - Identify target areas/neighborhoods with target building stock (e.g., age of homes) and promote energy conservation measures/programs (green loans, CEWO, etc.)
 - Thurston Energy retrofit program (example)
 - NW energy efficiency website – calculators & other tools
 - Green loans – add cost of improvements to the original home loan; explore green financing options (start with banks, then approach realtors)
 - Energy efficiency in neighborhoods: direct outreach and education. Youth: Climate Corps (Environmental Defense); PGE internships, Youth Advisory Council (YAC), - program that counts towards school credit; senior project for high school students; internship from Pacific U
 - Consider potential to add CEWO incentives/investments into mortgage at time of purchase
 - Also try to find case studies of before/after retrofits to include in outreach (CEWO, NWEA may have too)
 - Possibility for property owner energy competition (e.g., dropoly.com)
- *Commercial energy efficiency*
 - Peer to peer energy efficiency education (specific goal in Hillsboro 2020 plan)
 - Promote Portfolio Manager to businesses (possibly through business license renewal letters or as a handout to new business license applicants)
 - Chamber of Commerce – peer to peer outreach and education that targets small businesses

- Better Buildings/Better Plants Challenge (USDOE) – engage business community and promote and encourage participation
- Channels to businesses exist, use them, could target businesses by type or size
- Focus on small and medium sized businesses who don't have dedicated facility staff. Awareness is key, case studies can help. Perhaps we create our own (e.g., Pacific Landscape results)
- Parking lot: Consider San Francisco model that requires reporting of energy use
- Parking lot: Total cost of ownership program: will seek to provide tools to consider full life cycle cost of building construction/renovation to inform capital and design cost decisions
- Parking lot: Self direct funds for renewable energy projects. Prior briefing from BEF to capture self direct funds from businesses to finance renewable energy projects. Concerns about funds being clawed back, and one partner has come under their threshold and can no longer self direct. Also concern about balance of financing. Could be something for future consideration
- *Biogas to CNG for fleet vehicles*
 - Need to further research and develop project. Sub group met with fleet managers, still some potential but several key challenges
- *Mobility hub pilot program*
 - City is pursuing funding, will keep HSTF apprised
- *Promote/enhance employer commute incentive programs*
 - Some partners (City, Epson) provide free TriMet pass, others have different incentive programs
 - Peer to peer connections among businesses to generate list of program aspects and to share best practices
 - Outreach to schools to describe what options and benefits are (for students and staff)
- *'Last mile' solutions*
 - Possible partnership with WTA
 - PCC, Intel, other local companies that run their own private shuttles
 - Future transportation concept provided by Brian:
<https://www.youtube.com/watch?v=07SinGMGdhQ>

Planning for Resource Conservation focus area

- Per Bruce at CWS: need to consider geographic scope when talking about water/waste water metrics. They can provide metrics but we must determine whether limited to Hillsboro boundaries, watershed, etc
- Find other uses for waste products (program that matches companies with others who can use their waste products to create new products). Link to ResourceFULL Use program at Washington County
- Preliminary goals and indicators are in draft, will focus on this at next meeting
- Also have some initial project suggestions
 - Street and other tree program (e.g., appropriate trees, native)
 - Xeriscaping incentives
 - Incentives for landscape water efficiency efforts

Planning for Resource Recovery and Renewal focus area

- Initial goals and indicators are in draft, group will focus on later
- Initial project suggestions
 - Westside GoGreen business conference proposal
 - Education/incentive for to-go food containers, transition away from styrofoam, plastics